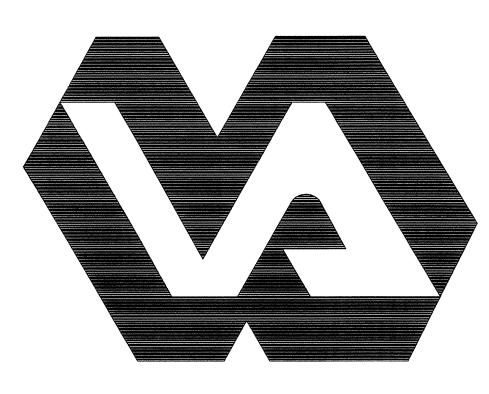
DEPARTMENT OF VETERANS AFFAIRS

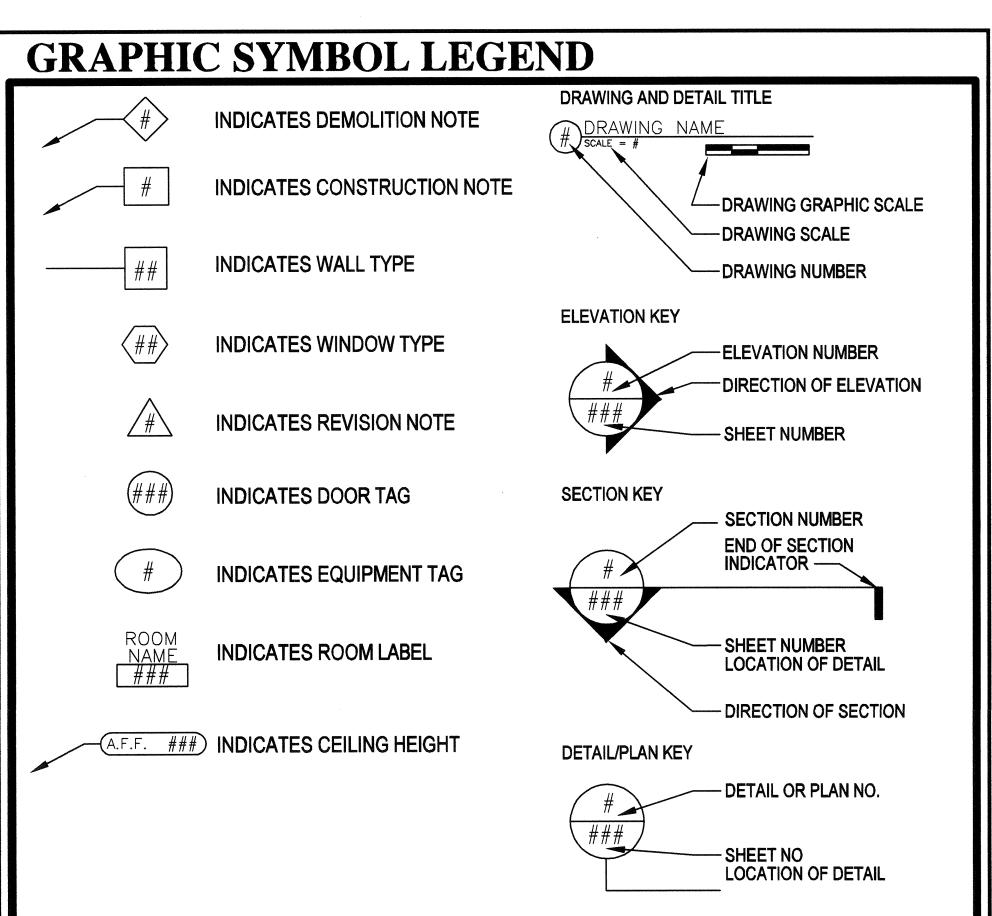
ALEXANDRIA VA HEALTH CARE SYSTEM

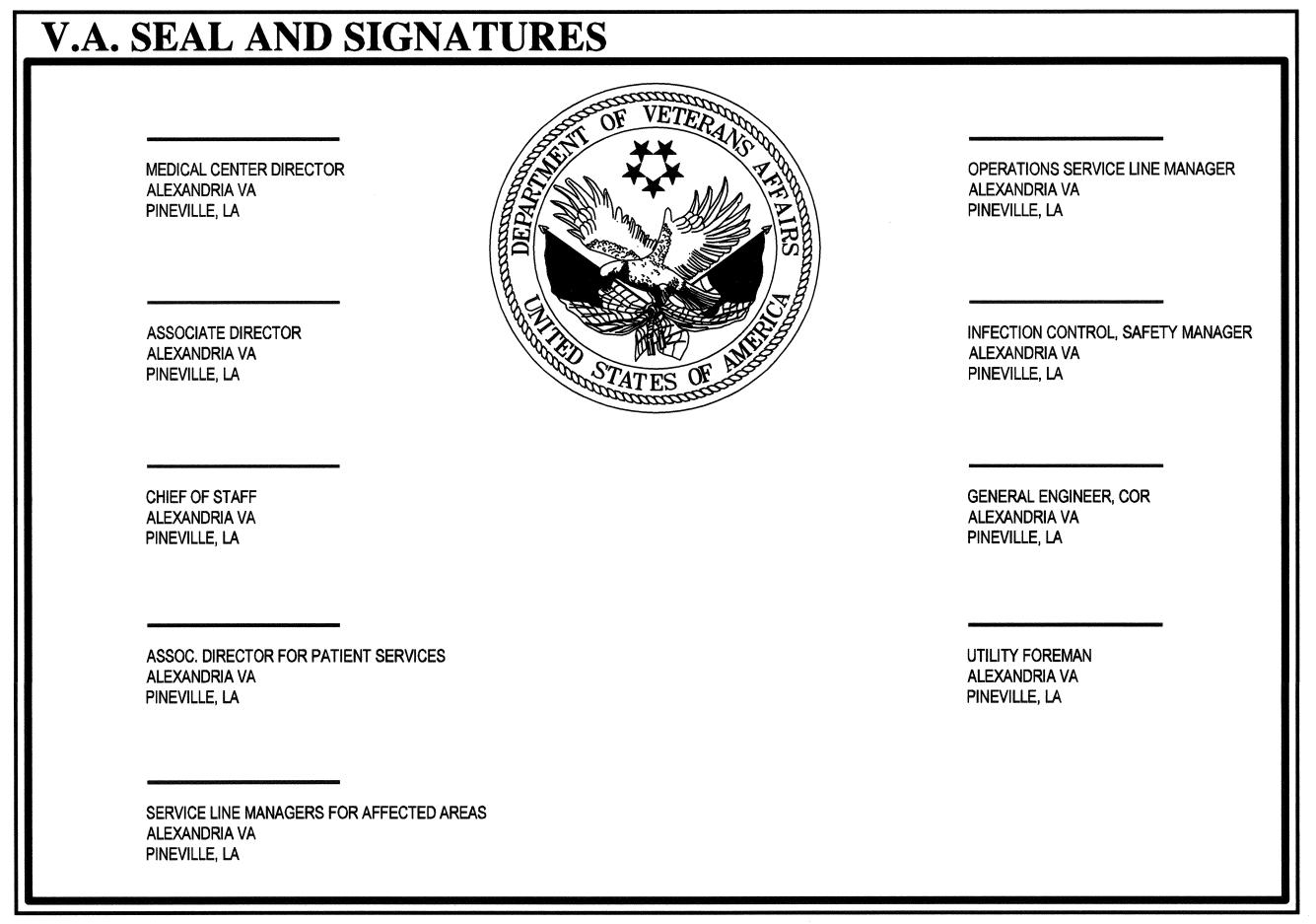
2495 SHREVEPORT HIGHWAY

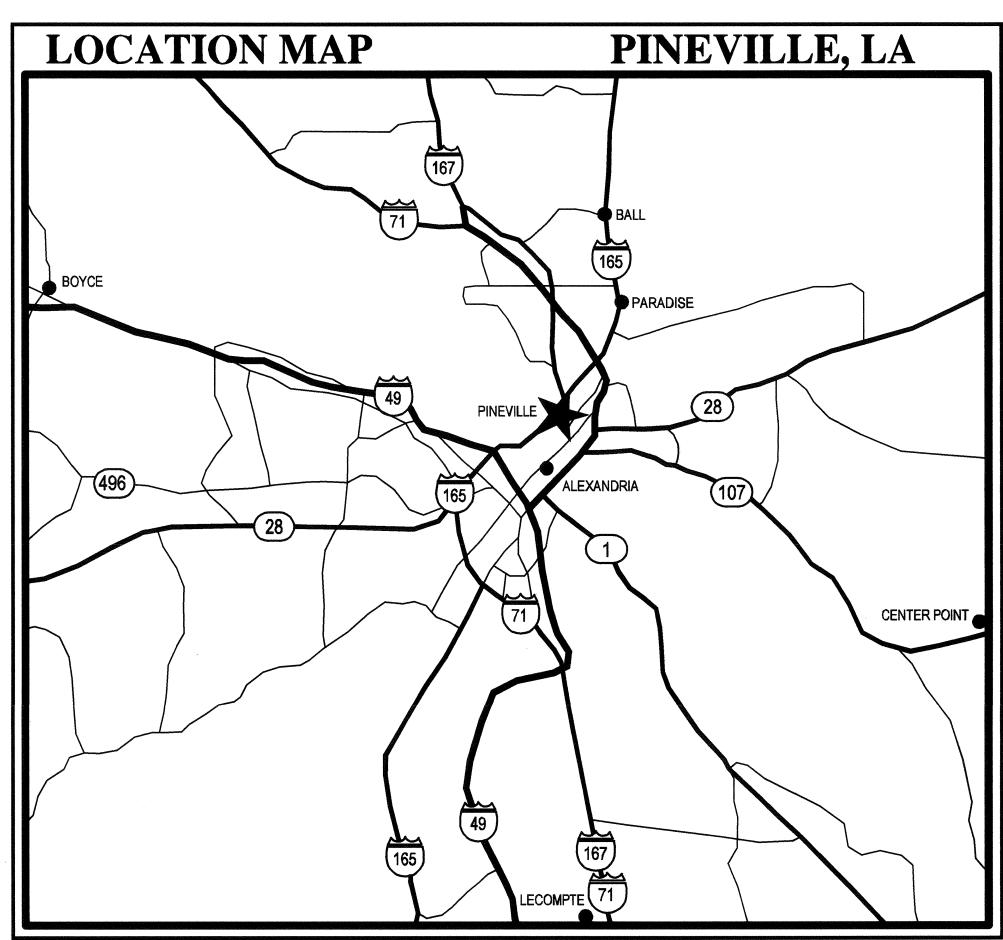
PINEVILLE, LA

71360









LIST OF DRAWINGS

GENERAL

001 COVER SHEET
001 OVERALL SITE DIAGRAM
002 PHASING DIAGRAMS

STRUCTURA

1 STRUCTURAL PLANS AND DETAILS FOR TEMPORARY SUPPORT

ARCHITECTURA

S101 PARTIAL FLOOR PLANS DEMOLITION AND NEW WORK
S201 EXTERIOR ELEVATIONS - DEMOLITION AND NEW WORK

FIRE PROTECTION

FIRE ALARM MATRIX, RISER, LEGEND AND NOTES
A101 PARTIAL MECHANICAL ROOM PLAN - FIRE PROTECTION
A101 PARTIAL MECHANICAL ROOM PLAN - FIRE PROTECTION

PLUMBING

101 PARTIAL MECHANICAL ROOM PLAN - PLUMBING

MECHANICAL

MECHANICAL LEGEND AND NOTES

ROOF AND MECHANICAL ROOM PLANS - DEMOLITION

M101 ROOF AND MECHANICAL ROOM PLANS - NEW WORK M301 MECHANICAL ROOM SECTIONS

501 MECHANICAL DETAILS

02 MECHANICAL DETAILS

MECHANICAL UNIT PLANS AND ELEVATIONS
MECHANICAL SCHEDULES

M701 MECHANICAL CONTROL DIAGRAM
M702 MECHANICAL CONTROL DIAGRAM

ECTRICAL

E001 GENERAL NOTES, SYMBOLS AND LEGENDS

D101 PARTIAL SECOND FLOOR MECHANICAL ROOM - DEMOLITION

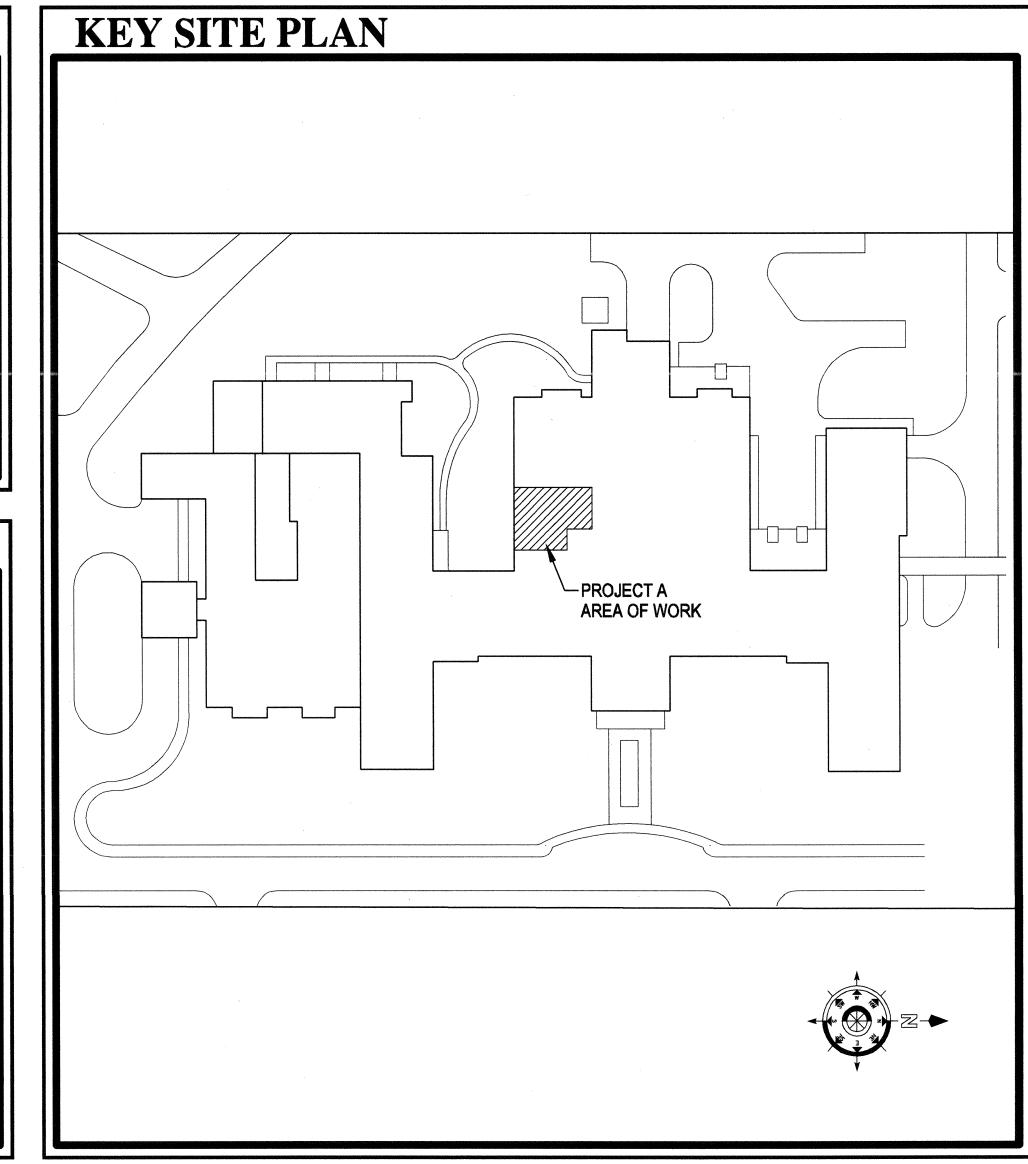
EP101 PARTIAL FLOOR PLANS - POWER
E601 SCHEDULES AND PARTIAL POWER RISER DIAGRAM

COORDINATION DRAWINGS

THE MECHANICAL CONTRACTOR SHALL TAKE THE LEAD IN PREPARATION OF COORDINATION DRAWINGS. SUCH DRAWINGS SHALL BE ARRANGED AND DESIGNED THROUGH AND FROM COORDINATION WITH ALL OTHER MAJOR AND MINOR SUBCONTRACTORS AND THE GENERAL CONTRACTOR. PROVIDE PLAN VIEWS, SECTIONS AND ELEVATIONS AS REQUIRED TO FULLY COORDINATE ALL NEW WORK WITH ITSELF AND EXISTING CONDITIONS DRAW TO SCALE (AT NOT LESS THAN 3/8" = 1'-0"). DRAWINGS SHALL SHOW, BUT NOT BE LIMITED TO: ALL WALL RATINGS; ALL DUCTWORK; ALL AIR DISTRIBUTION; MECHANICAL EQUIPMENT; MECHANICAL PIPING; FIRE PROTECTION PIPING; ALL PLUMBING PIPING; CABLE TRAYS (WITH ELEVATIONS NOTED); LIGHTING FIXTURES (WHEN CEILING MOUNTED); CEILING GRID AND CEILING HEIGHT; MAJOR BEAMS AND JOISTS (WITH ELEVATIONS MARKED); FIRE ALARM DEVICES AND SPEAKERS (WHERE CEILING MOUNTED); ELECTRICAL CONDUITS LARGER THAN 2-INCH DIAMETER; ELECTRICAL BUSWAY AND REQUIRED CLEARANCES; EQUIPMENT PROVIDED BY OTHERS THAT PROTRUDE INTO CEILING CAVITIES OR IMPEDE THE LOCATION OR ACCESS TO ABOVE CEILING PIPING, DUCTWORK OF OTHER EQUIPMENT. SECTIONS SHALL BE CUT THROUGH AREAS SHOWING MATERIALS AND SYSTEMS OF ALL CONTRACTS. IF THERE ARE ANY OUTSTANDING ISSUES THAT CANNOT BE RESOLVED, CONSULT WITH THE ARCHITECT AND/OR ENGINEER (THROUGH THE VA COR) FOR GUIDANCE AND MAKE CORRECTIONS IN ACCORDANCE WITH DIRECTIONS GIVEN. IT IS IMPORTANT TO NOTE THAT FABRICATION CANNOT BEGIN UNTIL COORDINATION DRAWINGS HAVE BEEN APPROVED. ANY MATERIAL, EQUIPMENT, SYSTEMS, ETC., PROCUREMENT OR INSTALLATION COMMENCED PRIOR TO APPROVAL IS TAKEN AT THE CONTRACTORS OWN RISK AND MAY HAVE TO BE MODIFIED, MOVED AND/OR RECONFIGURED AT THE CONTRACTORS COST.

SCOPE OF WORK

THE EXISTING 2 AIR HANDLING UNITS (AHU 107 & 108) IN BUILDING 7 WILL BE REPLACED WITH NEW AIR HANDLING UNITS LOCATED IN THE EXISTING EQUIPMENT ROOMS. THE NEW AIR HANDLERS WILL MEET THE VA EQUIPMENT GUIDELINES (I.E. PROPER FILTRATION ETC.). THE DUCTWORK DISTRIBUTION SYSTEM WILL ONLY BE MODIFIED TO ALLOW THE INSTALLATION OF THE NEW AIR HANDLERS. CAPACITY OF THE NEW UNITS WILL BE SAME AS THE EXISTING UNITS. IN ACCORDANCE WITH THE VA REQUEST TO KEEP THE EXISTING BUILDING SYSTEM OPERATIONAL DURING THE AIR HANDLER REPLACEMENT A TEMPORARY RENTED AIR HANDLER WILL BE REQUIRED TO PROVIDE SERVICE FOR THE AIR HANDLER BEING REPLACED THE TEMPORARY AIR HANDLER WILL BE LOCATED OUTSIDE ON THE GROUND. A PORTION OF THE MECHANICAL ROOM EXTERIOR WALL WILL BE REMOVED TO ALLOW THE RENTED AIR HANDLER TO CONNECT TO THE EXISTING AIR HANDLER DUCTWORK. THE TEMPORARY RENTED AIR HANDLER, DUCTWORK, PIPING AND UTILITIES WILL NEED TO BE RATED FOR HURRICANE CONDITIONS. ONCE THE RENTED AIR HANDLER IS FULLY OPERATION THE EXISTING AIR HANDLER WILL BE DISCONNECTED FROM THE DUCTWORK, PIPING, AND REMOVED. UPON COMPLETION OF THE REMOVAL OF THE EXISTING AIR HANDLER THE NEW AIR HANDLER WILL BE INSTALLED. AFTER THE NEW AIR HANDLER IS COMPLETELY INSTALLED AND OPERATIONAL THE RENTED AIR HANDLER WILL THEN BE REMOVED FROM THE SITE. THE NEW AIR HANDLING UNITS WILL HAVE DOUBLE WALI MODULAR CONSTRUCTION. THE AIR HANDLING UNITS EXTERIOR AND INTERIOR WILL BE GALVANIZED STEEL WITH INSULATION AND THERMAL BREAKS. THE UNITS WILL HAVE AIR INTAKE LOUVERS, FILTER MIXING BOXES WITH DAMPERS AND PRE-FILTER-1 AS NEEDED, ACCESS SECTIONS STEAM HEATING COILS WITH FACE AND BY PASS DAMPERS, COOLING COIL, FAN SECTION, FAN DIFFUSER SECTION, PRE-FILTER-2. AND FINAL FILTERS. THE SUPPLY DUCTWORK WILL HAVE A STEAM, TO STEAM DUCT MOUNTED STEAM HUMIDIFIER LOCATED IN THE EXISTING EQUIPMENT ROOM PENTHOUSE. THE HUMIDIFIER GENERATOR WILL BE LOCATED WITH THE AIR HANDLER IN THE EQUIPMENT ROOM. ALL SUPPLY DUCTWORK WILL BE EXTERNALLY INSULATED AND USE GALVANIZED SHEET METAL EXCEPT FOR A SECTION DOWNSTREAM OF THE HUMIDIFIER WHICH WILL BE MOUNTED IN THE DUCTWORK. ALL CONTROLS WILL BE DDC BACNET COMPATIBLE TO ALLOW CONNECTION TO THE EXISTING BUILDING MANAGEMENT SYSTEM. THE CONTROLS WILL ALLOW MONITORING AND CONTROL OF THE HUMIDIFIERS AS WELL AS THE NEW AIR HANDLING UNITS

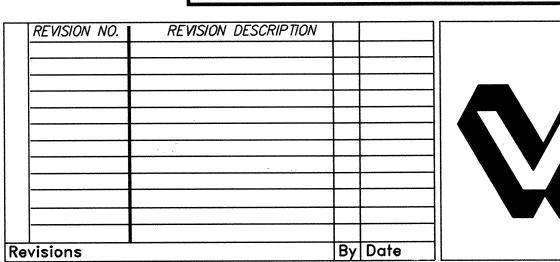


COVER SHEET

FINAL BID DOCUMENTS

DWS

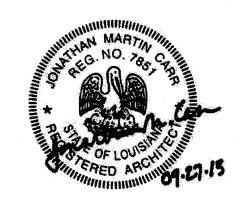
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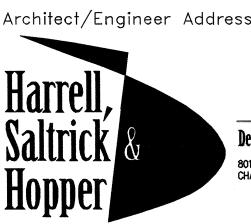


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Department of Veterans Affairs
Alexandria VA Health Care System
2495 Shreveport Highway
Pineville, LA 71360





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HSH PROJECT # 12013

1. MEDICAL DIRECTOR

6. OPERATIONS SERVICE LINE MANAGER

7. INFECTION CONTROL MANAGER

3. CHIEF OF STAFF

8. SAFETY MANAGER

4. ASSOC. DIRECTOR

9. GENERAL ENGINEER

5. SERVICE LINE MGRS.

10. COR

Recommended Approvals:

Project Title
DESIGN BUILDING 7 AIR HANDLER
UPGRADE - PROJECT A:
7-AHU107 & 7-AHU108

Drawn
Building Number AutoCAD File Name

Reviewed

Const. Contract No

Project Number
502-12-201

502-12-201

DRAWING No.

GIO01

